

WHAT IS CLAIMED IS:

1 1. A system for automated dissemination of software to an information
2 handling system, comprising:
3 a distribution server operable to receive a software application file;
4 a repack and script regeneration server operably connected to said distribution
5 server, said repack and script server operable to:
6 disassemble said software application file into a plurality of individual
7 program files;
8 generate an index of said individual program files;
9 identify and remove redundant program files;
10 generate a composite program file library containing a plurality of said
11 program files; and
12 generate scripts for automatically controlling the transfer of said
13 program files to an information handling system; and
14 a download server operable to transfer said software to a target information
15 handling system.

1 2. The system of claim 1, further comprising a script validation server
2 operably coupled to said repack and script regeneration server and said distribution
3 server, said script validation server operable to generate commands to automatically
4 control the downloading of said program files to a target information handling system.

1 3. The system of claim 1, wherein said download server comprises a
2 software image cache, said composite program file library being stored in said
3 software image cache.

1 4. The system of claim 1, wherein said distribution server is operable to
2 scan said software file for viruses.

1 5. The system of claim 1, further comprising a test control server
2 operable to confirm the download of said software file to said target information
3 handling system and to verify proper operation of said software file on said target
4 information handling system.

1 6. The system of claim 1 wherein said distribution server is operable to
2 notify a manager regarding the status of the software file within the software
3 distribution system.

1 7. The system of claim 1 further comprising an archive server, wherein
2 said repack and script regeneration server is operable to transfer copies of composite
3 program file library to said archive server for storage thereon.

1 8. A method for automated dissemination of software to an information
2 handling system, comprising:
3 receiving a software application file;
4 disassembling said software application file into a plurality of
5 individual program files;
6 generating an index of said individual program files;
7 identifying and removing redundant program files;
8 generating a composite program file library containing a plurality of
9 said program files; and
10 transferring said software to a target information handling system.

1 9. The method of claim 8, further comprising the step of generating
2 commands to automatically control the downloading of said program files to a target
3 information handling system.

1 10. The method of claim 9, further comprising the step of storing said
2 composite program file library in a software image cache.

1 11. The method of claim 8, further comprising the step of scanning said
2 software file for viruses.

1 12. The method of claim 8, further comprising the steps of confirming the
2 download of said software file to said target information handling system and
3 verifying proper operation of said software file on said target information handling
4 system.

1 13. The method of claim 8, further comprising the step of notifying a
2 manager regarding the status of the software file within the software distribution
3 system.

1 14. The method of claim 8, further comprising the step of transferring
2 copies of said composite program file library to an archive server for storage thereon.

1 15. An information handling system, comprising:
2 a data processor;
3 data storage having a software file stored thereon, said software file being
4 transferred to said data storage by an automated software
5 dissemination system comprising:
6 a distribution server operable to receive a software application file;
7 a repack and script regeneration server operably connected to said
8 distribution server, said repack and script server operable to:
9 disassemble said software application file into a plurality of individual
10 program files;
11 generate an index of said individual program files;
12 identify and remove redundant program files;
13 generate a composite program file library containing a plurality of said
14 program files;
15 generate scripts for automatically controlling the transfer of said
16 program files to an information handling system; and
17 a download server operable to transfer said software to a target
18 information handling system.

1 16. The information handling system of claim 15, further comprising a
2 script validation server operably coupled to said repack and script regeneration server
3 and said distribution server, said script validation server operable to generate
4 commands to automatically control the downloading of said program files to a target
5 information handling system.

1 17. The information handling system of claim 16, wherein said download
2 server comprises a software image cache, said composite program file library being
3 stored in said software image cache.

1 18. The information handling system of claim 15, wherein said distribution
2 server is operable to scan said software file for viruses.

1 19. The information handling system of claim 15, further comprising a test
2 control server operable to confirm the download of said software file to said
3 information handling system and to verify proper operation of said software file on
4 said target information handling system.

1 20. The information handling system of claim 15 wherein said distribution
2 server is operable to notify a manager regarding the status of the software file within
3 the software distribution system.